

IN THE SPECIFICATION

Please amend the paragraph beginning at page 19, line 1, as follows:

Normally, passage of a charge current in the treatment head is limited by inserting an electrical element in parallel to the treatment head, for which the impedance will be zero under continuous conditions and high under transient conditions such as a pure inductance. Figure 1 is the electrical diagram for a circuit assigned to a single acting treatment head. The circuit comprises a DC power supply 1 varying from 1 to 20 kV and capable of outputting a current of 2 to 50 A, a pulse switch 2 capable of switching from a position a to a position b, a capacitor 3 and a series inductance 4. The effluent treatment head constitutes a means for subjecting the flow of effluents to a pulsed electric field and is marked as reference 5. It comprises an inductance 6 connected in parallel. To charge, the switch 2 is on position a and the resistance 5 representing the treatment head is shunted by the presence of the pure inductance 6. To discharge, the switch 2 is on position b, and the high power switching system consisting of the capacitor 3 and the inductance 4 outputs a discharge with characteristics consisting of a voltage of 5 to 50 kV and a current of 500 to 2000 A for 1 μ s.

Please amend the paragraph beginning at page 23, line 12, as follows:

Figure 3 is a diagram representing insertion of a PEF system on the input side of filtration on the effluent supply circuit. The effluents originate from a reservoir 10 and are supplied through a pipe to the treatment installation. A pump 11 at the output from the reservoir 10 pressurises the effluents and controls their circulation at a flow Q. The effluents are firstly subjected to pulsed electric fields output by a PEF device 12 before arriving at membrane systems 13, 14 and 15, which constitute a means for subjecting the flow of the effluents to a solid/liquid separation operation. The membrane system 13 outputs a first

ultrafiltrate P_1 and a retentate R_1 to the membrane system 14. The membrane system 14 outputs a second ultrafiltrate P_2 and a retentate R_2 to the membrane system 15. The membrane system 15 outputs a third ultrafiltrate P_3 and a concentrate C_1 .